

REMARKS

This application contains 41 claims of which claims 1, 11, 21, 31, and 32 are independent. Each of the independent claims has been amended. Certain of the dependent claims, as indicated on the attached listing, have also been amended. The amendments do not add new matter.

The claims as currently presented distinguish over the references of record and should be allowed.

Amendment to the Specification

The Amendment to the Specification corrects an obvious typographical error. It does not add new matter.

Claim Rejections

Claim 1

Claim 1 has been amended to recite “an activity adapted to implement a portion of a collaboration session.” The claim further recites that the activity generates “an update request in response to an action by a user within the collaboration session.” This limitation is supported by the specification as filed. Paragraph 2 of the published application (U.S. 2003/0084138 A1) describes “an activity,” which is described in greater detail in other parts of the specification. For example, paragraph 47 describes that an update could occur when a user adds a tool to a shared space within the collaborative system or when the user invites a new user to join the shared space.

Claim 1 as amended distinguishes over the references. Neither reference relates to an activity that implements a collaboration session. Specifically, David relates to a system for secure network purchasing. Parthesarathy relates to a software update notification system in which users receive notices that software updates are available from a server. Neither reference describes “an activity adapted to implement a portion of a collaboration session,” as claimed. Further, because neither reference describes a collaboration session at all, the references, whether considered alone or in combination, do not teach or suggest an update request generated “in response to an action by a user within the collaboration session,” as is claimed.

Claims 2-10 depend from claim 1 and should be allowed for the same reasons. The dependent claims also add limitations that further distinguish over the references, providing further reasons in support of allowance.

The amendments to the dependent claims also do not add new matter because any newly recited limitations are supported by the specification as filed. For example, claims 8 and 9 have been amended to recite further details of generating the update request within the collaboration session. Claim 8 recites that the update request is generated in response to receiving an invitation for a user to join the collaboration session. Such an apparatus is described, for example, at paragraph 47 of the published application. Claim 9 recites that the activity generates the update request in response to receiving an update delta. An update delta is similarly described at paragraph 47 of the published application.

Claim 11

Claim 11 has been amended to include “generating an update request in response to receiving information about a component being used in a collaboration session.” This limitation is also supported by the specification as filed. For example, paragraph 47 of the published application describes that a user receives a list of required components when initially joining the collaborative system. That passage also describes that a user may receive update deltas as tools are added to the shared space in the collaborative system. Such events may cause an update request to be generated.

Claim 11 as amended distinguishes over the prior art. As described in connection with claim 1, the David reference relates to a system for secure network purchasing. Parthesarathy relates to a software update notification system. Neither reference relates to a collaboration session. Therefore, neither reference describes or suggests generating an update request “in response to receiving information about a component being used in a collaboration session,” as is claimed

Claims 12-20 depend from claim 11 and should be allowed for the same reasons. The dependent claims also add limitations that further distinguish over the references, providing further reasons in support of allowance.

Claim 21

Claim 21 has been amended to recite that the computer program product includes “program code that extracts from the first file an indicia of a trusted supplier.” That program code also “obtains second location information of a second file containing a second component.” The computer program product includes “program code to extract from the second file a second

component and an indicia of a supplier of the second component.” The computer program product uses this information to selectively install “the second component when the indicia of the supplier is consistent with the indicia of a trusted supplier.”

These limitations are supported by the specification as filed. For example, paragraph 78 of the published application describes individual components being authenticated using “a chain of trust.” Paragraphs 78-99 describe the component hierarchy pictured in FIG. 5 and provide a more detailed example of a trusted supplier indicia used in selectively installing a component.

Claim 21 distinguishes over the David and Parthesarathy references. Neither describes a software component update process in which information from one file concerning a trusted supplier is used to selectively install a second component obtained from a second file, as claimed.

Dependent claims 22-30 depend from claim 21 and should be allowed for the same reasons. The dependent claims also add limitations that further distinguish over the references, providing further reasons in support of allowance.

Any limitations introduced into the dependent claims by this amendment are supported by the specification as originally filed and do not add new matter. For example, claim 22 recites “dependent components.” This limitation is supported, for example, by paragraph 51 of the published application.

Claim 23 recites that the program code that retrieves the second file is the same program code that retrieves the first file. This limitation is supported, for example, at paragraph 70 of the published application, which communicates to one of ordinary skill in the art that program code is applied recursively. Such a passage supports the claimed use of the same code.

Claim 24 recites “a fingerprint of a trusted supplier.” Such a finger print is illustrated in FIG. 5 (see elements 534 and 542) and described in paragraph 83 of the application as published.

Claim 26 recites that the program code that selectively installs a second component “selectively prompts a user for authorization to install the second component when the indicia of the supplier is not consistent with the indicia of a trusted supplier.” The flow chart of FIG. 6 and the description of that figure provide support for claim 26. Though the text accompanying FIG. 6 describes the process in connection with the first file downloaded, other passages in the application

make clear that the process is applied recursively such that the same processing would apply to a second component obtained from a second file.

Claim 31

Claim 31 has been amended to recite program code that extracts “dependency information identifying a second component” from a first file. The claim further recites “program code that selectively downloads a second file when the dependency information indicates the second component is in the second file.” These limitations are supported by the specification as filed. For example, paragraph 58 of the published application describes a recursive reference to other OSD files.

Neither the David nor the Parthesarathy reference shows or suggests program code that selectively downloads a second file based on dependency information contained in a first file. Therefore, claim 31 should be allowed.

Claim 32

Claim 32 has been amended to recite “means for implementing a collaboration session for a user.” The claim further recites that the means for implementing a collaboration session is “adapted to receive an indication of a component in use within the collaboration session and to selectively generate an update request for the component.” These limitations are supported by the specification as filed. The specification describes a system for implementing downloads within a collaboration session. The description includes, for example, at paragraph 47 of the published application a description that updates are generated based on tools in a shared space.

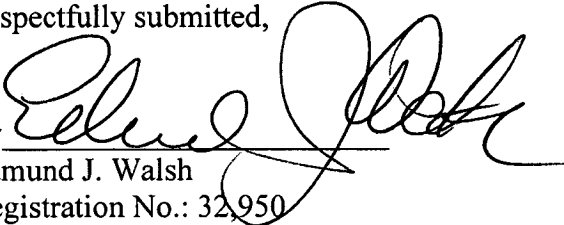
Neither the David nor the Parthesarathy references shows or suggests such a means for implementing a collaboration session. Therefore claim 32 should be allowed.

Claims 33-41 depend from claim 32 and should be allowed for the same reasons. The dependent claims also add limitations that further distinguish over the references, providing further reasons in support of allowance.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

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